Why **DUOREST**® is being loved all around the world?

1. We have our own management philosophy of “your comfort, our happiness”
2. We have our way to create an advanced system from designing to delivery.
3. We have our own patented technology which has been globally recognized.
4. We have our trustworthy quality systems to think highly of customer’s voice.

DUOREST®

www.duorest.com

- The product specifications and illustrations shown in this manual may be changed without prior notice during our continuous efforts to improve the product quality.
- Copying or distributing any parts or all of components in this manual is strictly prohibited and illegal.

DUOREST®

Because Comfort Matters

User's Manual (Alpha Series)

| α80H | α80N | α60H | α60N |
| α50H | α50N | α30H | α30N |

Your life is comfortable with DUOREST

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- User's Guide for DUOREST® 02
- Box Contents 03
- Parts Description 05
- Basic Operation 06
- How to Assemble
  - ≫ α80H/α80N 09
  - ≫ α60H 10
  - ≫ α60N 11
  - ≫ α50H/α50N 12
  - ≫ α30H 13
  - ≫ α30N 14
- Product Dimension 15
- Safety Precaution 17
- Limited Warranty 18

DUOREST® *ergonomic chairs are certified and endorsed by Singapore Physiotherapy Association*

Before using the chair...

- Before using your **DUOREST®** ergonomic chair, read this manual carefully to ensure correct and safe use of the chair
- Please observe the Safety Precaution at end of this manual
- To help you use your **DUOREST®** ergonomic chair safely and prevent accidents, these instructions use symbols to indicate which actions could cause injury or damage to the chair. The safety symbols and their definitions are explained below. Read this text before reading the main section of the User's Manual.

⚠ Warning	⚠ Notice	
This indicates text about incorrect usage of the chair that may resuit in serious injury.	This indicates text about incorrect usage of the chair that may resuit in serious injury of material damage to the chair.	This symbol indicates what you should not do. This symbol indicates what you should do.

DUOREST THEORY

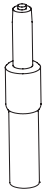
- DUOREST's unique dual backrest design is patented world wide. **DUOREST®** ergonomic chair is equipped with the worldwide patented DOUBACK technology which origins from Germany. **DUOREST®** dual backrests support one's back firmly without exerting pressure on the spine and able to distribute the pressure to the left and right back muscles effectively. The dual backrests are supported in the middle allowing it to swivel multi-direction when the user leans back and forth. This movement elevate the pelvis and allow the waist to be embraced by 50% as compared to conventional chairs. Experience on a **DUOREST®** ergonomic chair is like undergoing a back muscle relaxation therapy. Not only can the chair prevent fatigue, its dual backrests' adaptability also create a massaging effect on the entire back musculature. The parameters of the **DUOREST®** ergonomic chair can be varied to fit all body shape and sizes. Experts have advised that dynamic sitting is extremely important for one's good health and work efficiency.

"After opening the box, make sure that all of the contents are included inside the box"

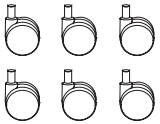
▮ General Items(common for every model)

Component Box Contents

User's manual



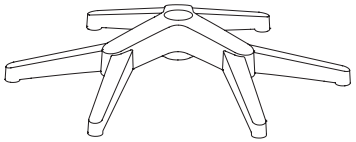
Gas cylinder



Casters

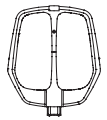
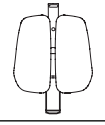
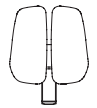
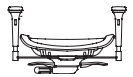
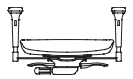
Hand bolt for the backrest frame

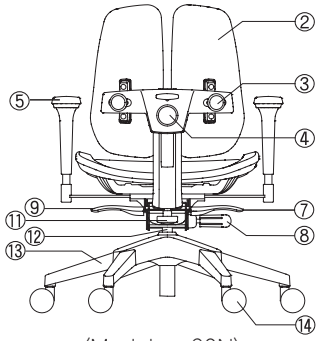
Triple Y Base



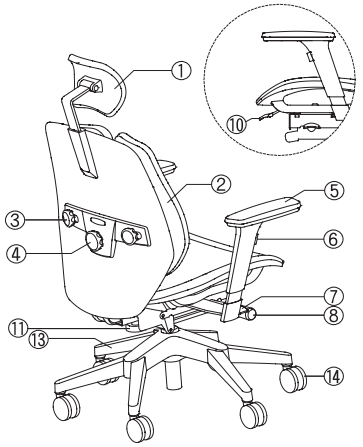
Triple Y Base (Six leg base)

▮ Individual items subject to the product model number

	Contents	Model Number							
		α80H	α80N	α60H	α60N	α50H	α50N	α30H	α30N
Head rest		○		○		○		○	
Back rest		○	○			○	○		
				○				○	
					○				○
Seat Plate		○	○	○	○				
						○	○	○	○



〈Model : α60N〉



〈Model : α80H〉

①	Headrest
②	Backrest
③	Hand bolt for backrest width adjustment
④	Hand bolt for backrest height adjustment
⑤	Armrest
⑥	Button for the height adjustment of armrest
⑦	Lever for the seat height adjustment
⑧	Knob for the tilt tension adjustment
⑨	Lever for the tilt angle adjustment
⑩	Lever for the sliding seat depth adjustment
⑪	Hand bolt for backrest frame
⑫	Gas cylinder
⑬	Triple Y base (Six leg base)
⑭	Caster

▮ Seat Height

Rear lever on right side of chair

To raise : While removing your weight from chair, lift lever up.
To lower : While seated, lift lever up (adjustable range: 80mm)

▮ Tilt Tension

Front stem with knob on right side (can be pulled out or put in for use)

To increase tension : Turn knob forward (clockwise, toward "+" sign).
To decrease tension : Turn knob backward (counterclockwise, toward "–" sign).

▮ Tilt Lock

Lever on left side of chair

To lock : Press lever down and recline as far as you like. Move lever up to define such mode.
To unlock : Press lever down and lean backward (adjustable range : total 21 ° with 3 positions)

▮ Seat Depth Adjustment

Lever under front end of seat

To adjust depth : Lift lever up and move seat forward or backward to desired position. (adjustable range : 50mm)

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▮ Backrest Width

Right-and-left hand bolt behind each backrest

To adjust width : Tighten bolt after locating each backrest in the desired position within its horizontal adjustment track, (adjustable range : 33mm)

▮ Backrest Height

Hand bolt in the center of right-and-left hand bolt behind each backrest

To adjust height : Tighten bolt after raising or lowering it to the desired position within vertical adjustment track, (adjustable range : 43mm)

▮ Headrest Height

Right-angled headrest support

To change height : Raise or lower headrest support to desired position within vertical adjustment track (adjustable range: 72mm with 11 positions)

▮ Headrest Angle

Front of headrest pad

To adjust angle : Grasp front end of headrest pad and pivot it to the upside or downside (adjustable range: 64° with 4 positions)

▮ Armrest Height

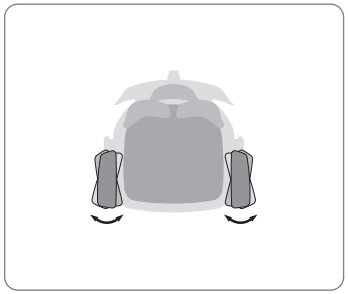
Button in front of arm support

To raise or lower armrests : Press button to unlock, Grasp arm support and raise or lower it to desired height, Release button to lock, (adjustable range: 60mm with 7positions)

▮ Armrest Sliding Adjustment

Each armrest pad

To move armrests fore and aft : Grasp middle of armrest pad and move it forward or backward (adjustable range: 60mm)

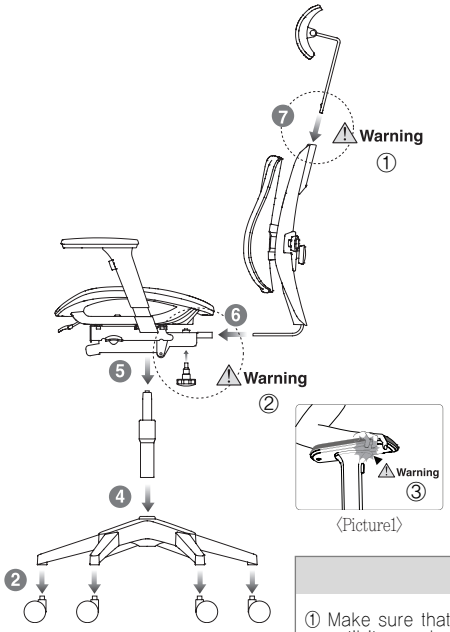


▮ Armrest Angle

Each armrest pad

To swing armrests in or out : Grasp front end of armrest pad and pivot it to the left or right, (adjustable range : left & right each 30° with 2 positions)

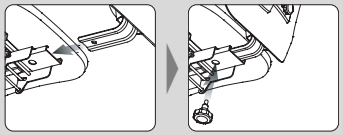
MODEL : α80H/α80N



〈Picture1〉

① Gather all of isolated items as shown in the left picture
② Insert casters into base.
③ Leave base with casters on the floor.
④ Insert gas cylinder into base.
⑤ Insert seat plate into gas cylinder.
⑥ Insert backrest frame ("J" bar) into seat plate (a) and fix it with hand bolt (b)

■ How to insert "J"bar into seat plate



⑦ Insert headrest support into upside of back shell as shown in the left picture.
※ **Note** : "α80N" does not have any headrest with it.
⑧ Check the chair working properly.

⚠ Warning

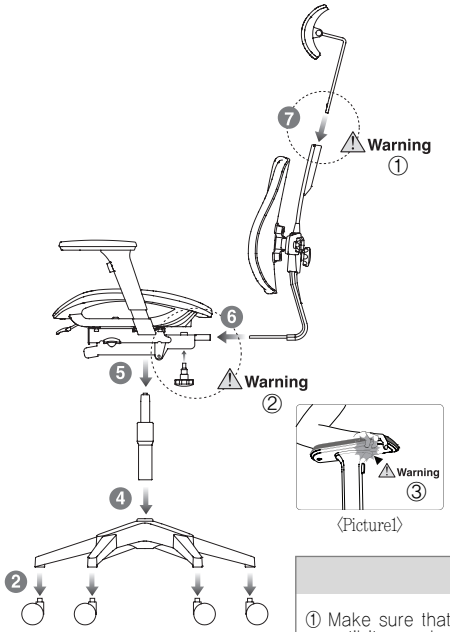
① Make sure that headrest should be inserted until it sounds clattering.
② Make sure that hand bolt for backrest frame is firmly tightened before using the chair.
③ Be careful not to get your fingers jammed while armrest rotating as shown in Picture 1.

Size & Color

(W:seat width / D:seat depth / H:height from the floor to seat)

Model No.	Size(in mm)	Color	Material
α80H α80N	W510×D500×H420/500	Mesh Black / Mesh Blue Mesh Green / Mesh Brown	Structure : steel, aluminum, plastic and etc Cushion : Polyelastomer

MODEL : α60H



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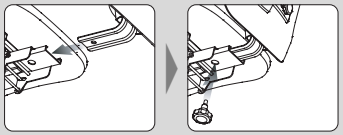
■ How to insert "J"bar into seat plate



⑦ Insert headrest support into upside of backrest frame as shown in the left picture.
⑧ Check the chair working properly.

⚠ Warning

① Make sure that headrest should be inserted until it sounds clattering.
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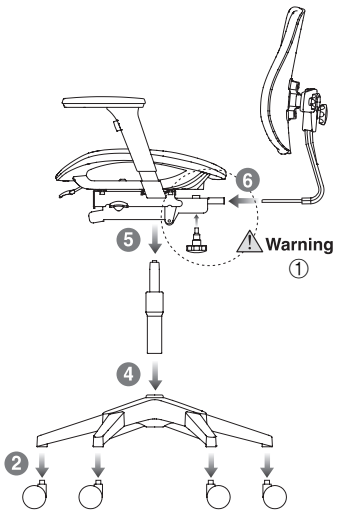
Size & Color

(W:seat width / D:seat depth / H:height from the floor to seat)

Model No.	Size(in mm)	Color	Material
α60H	W510×D500×H420/500	Mesh Black / Mesh Blue Mesh Green / Mesh Brown	Structure : steel, aluminum, plastic and etc Cushion : Polyelastomer

MODEL : α60N



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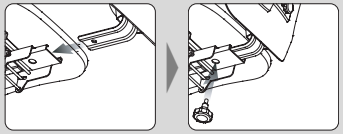
■ How to insert "J"bar into seat plate



⑦ Check the chair working properly.

〈Picture1〉

⚠ Warning

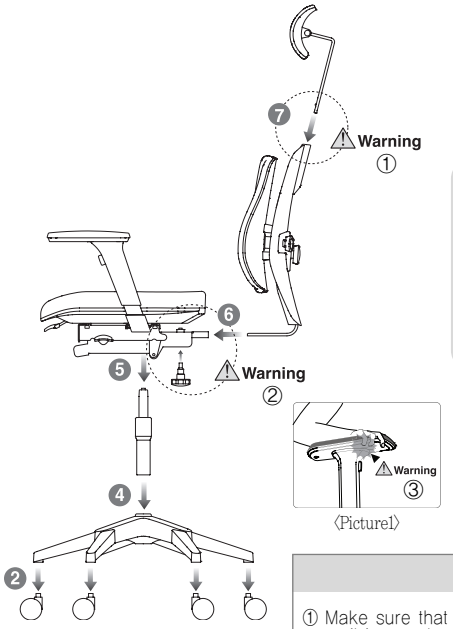
① Make sure that hand bolt for backrest frame is firmly tightened before using the chair.
② Be careful not to get your fingers jammed while armrest rotating as shown in Picture 1.

Size & Color

(W:seat width / D:seat depth / H:height from the floor to seat)

Model No.	Size(in mm)	Color	Material
α60H	W510×D500×H420/500	Mesh Black / Mesh Blue Mesh Green / Mesh Brown	Structure : steel, aluminum, plastic and etc Cushion : Polyelastomer

MODEL : α50H/α50N



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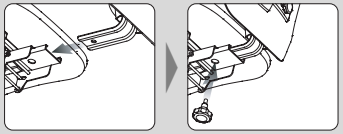
⑥ Insert backrest frame ("J" bar) into seat plate (a) and fix it with hand bolt (b)

■ How to insert "J"bar into seat plate



⑦ Insert headrest support into upside of back shell as shown in the left picture.
※ **Note** : "α50N" does not have any headrest with it.
⑧ Check the chair working properly.

⚠ Warning

① Make sure that headrest should be inserted until it sounds clattering.
② Make sure that hand bolt for backrest frame is firmly tightened before using the chair.
③ Be careful not to get your fingers jammed while armrest rotating as shown in Picture 1.

Size & Color

(W:seat width / D:seat depth / H:height from the floor to seat)

Model No.	Size(in mm)	Color	Material
α50H α50N	W510×D500×H420/500	Mesh Black / Mesh Blue Mesh Green / Mesh Brown	Structure : steel, aluminum, plastic and etc Cushion : Polyelastomer

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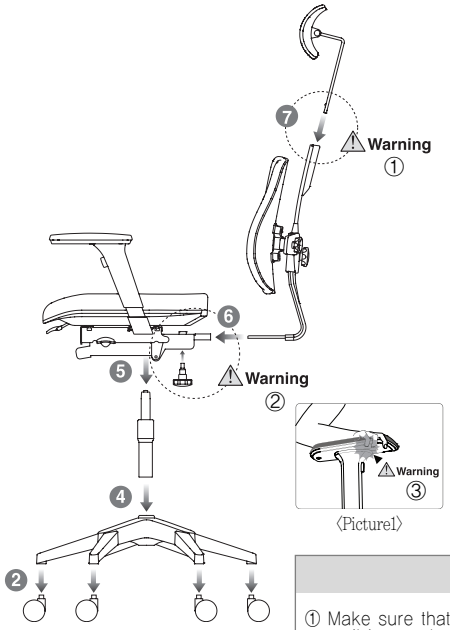
MODEL : α30H



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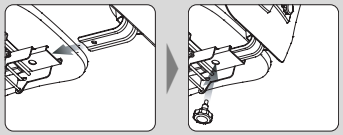
⑤ Insert seat plate into gas cylinder.
⑥ Insert backrest frame ("J" bar) into seat plate (a) and fix it with hand bolt (b)

■ How to insert "J"bar into seat plate



⑦ Insert headrest support into upside of backrest frame as shown in the left picture.
⑧ Check the chair working properly.

⚠ Warning

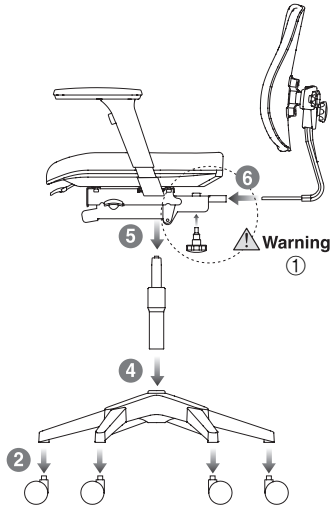
① Make sure that headrest should be inserted until it sounds clattering.
② Make sure that hand bolt for backrest frame is firmly tightened before using the chair.
③ Be careful not to get your fingers jammed while armrest rotating as shown in Picture 1.

Size & Color

(W:seat width / D:seat depth / H:height from the floor to seat)

Model No.	Size(in mm)	Color	Material
α30H	W510×D500×H420/500	Mesh Black / Mesh Blue Mesh Green / Mesh Brown	Structure : steel, aluminum, plastic and etc Cushion : Polyelastomer

MODEL : α30N



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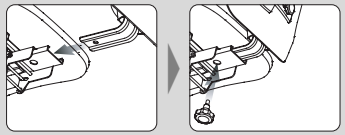
② Insert casters into base.
③ Leave base with casters on the floor.
④ Insert gas cylinder into base.
⑤ Insert seat plate into gas cylinder.
⑥ Insert backrest frame ("J" bar) into seat plate (a) and fix it with hand bolt (b)

■ How to insert "J"bar into seat plate



⑦ Check the chair working properly.

〈Picture1〉

⚠ Warning

① Make sure that hand bolt for backrest frame is firmly tightened before using the chair.
② Be careful not to get your fingers jammed while armrest rotating as shown in Picture 1.

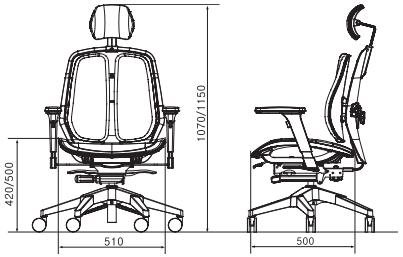
Size & Color

(W:seat width / D:seat depth / H:height from the floor to seat)

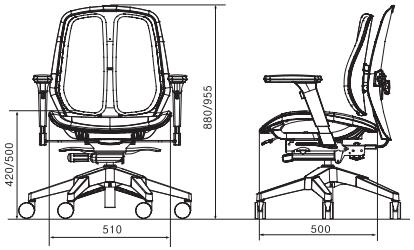
Model No.	Size(in mm)	Color	Material
α30N	W510×D500×H420/500	Mesh Black / Mesh Blue Mesh Green / Mesh Brown	Structure : steel, aluminum, plastic and etc Cushion : Polyelastomer

▮ MESH line-up (Mesh seat type)

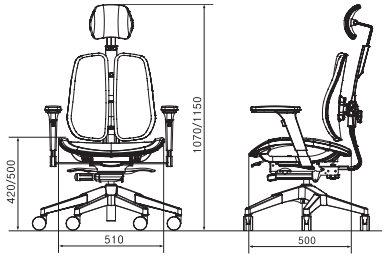
α80H



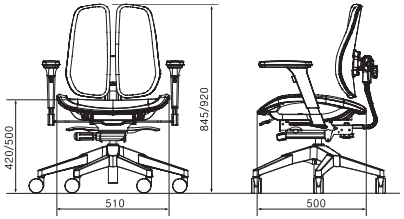
α80N



α60H

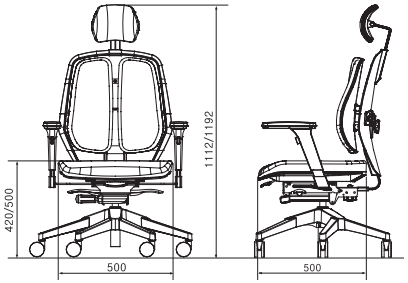


α60N

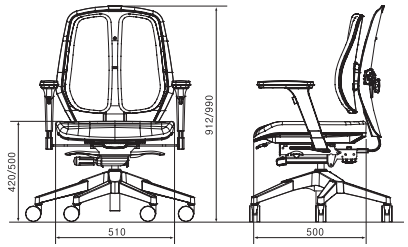


▮ ALPHA line-up (Sponge seat type)

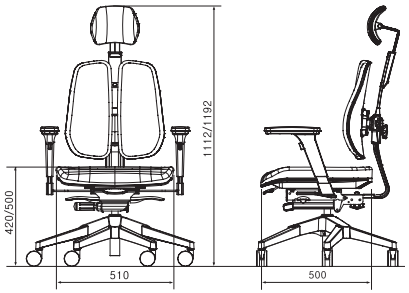
α50H



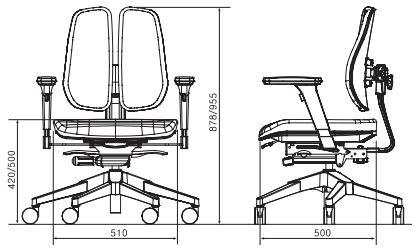
α50N



α30H



α30N



⚠Warning

Keep your hands and fingers away from the tilt adjustment lever underneath the seat and from the space beneath the armrest.

◆This can lead to injury.

⚠Notice

Don`t stand on the seat or use it as a foot rest.
◆This can lead to injury or damage to the chair.

When sitting, don`t move the chair roughly or play with the chair.
◆This can lead to injury or damage to the chair.

Don`t exert undue force on the control levers.
◆This can cause damage to the chair.

The chair is for only one person at a time.
◆Two or more people sitting on the chair can lead to injury or damage to the chair.

Don`t use the chair on a slippery surface.
◆This can lead to injury.

Don`t use the chair on uneven ground.
◆This can lead to injury.

Don`t use the chair outside, in areas of direct sunlight, or near a heater.
◆This can cause damage, discoloration, and deterioration to the chair.

Don`t let children sit on the chair without supervision.
◆They can be injured by falling from the chair.

Don`t lean back with your full body weight only on the rear casters while lifting the front casters up.
◆This can accelerate the chair`s deterioration, as well as lead to damage or injury.

Don`t lean on the backrest with excessive force.
◆This can cause damage to the chair.

Don`t sit or lean excessively on the armrests.
◆This can result in injury or damage to the chair.

Don`t cut the rubber parts on the back of the backrest with a knife or other object.
◆Scratches can become serious and accelerate the chair`s deterioration.

Make sure the hand bolt for backrest height & width adjustment is secured firmly before using the chair.
◆If the chair is used for extended periods while the knob is not tightened, the knob can become permanently loose. Check occasionally to make sure the backrest is secured firmly.

Checking

1) All **DUOREST**® products comply with the highest standard of quality assurance and inspection programs, **DUOREST**® products are fabricated using more than 100 pieces of parts which have undergone stringent superiority tests.

2) In case any manufacturing or material defect with **DUOREST**® chair is found, all parts will be provided free of charge during the warranty period from the original purchase date.

3) This limited warranty is valid for THREE YEARS to FIVE YEARS under an applicable warranty classification (from the date of purchase) against all possible manufacturing defects arising from materials and workmanship.

4) Thi warranty becomes invalid should the serial number(bar code) be removed or altered. All repairs and service work under these warranties must be performed only by **DUOREST**® authorized agent. Such service shall be provided during normal business hours. Customers are advised to contact **DUOREST**® authorized agent for further details.

5) The warranty amount is limited to no more than the value of the product. It does not cover damage caused by misuse or neglect, accidents, abrasions, normal wear and tear or any manner of tampering, self modifications, abuse or Act of God.

6) If the purchased **DUOREST**® product is damaged due to the above-mentioned causes, customers are advised to contact their local agent who will advise them of the appropriate solution which may be subjected to payment of a fee.

7) If identical materials or models are not available at the time of repair or replacement, **DUOREST**® authorized agent reserves all rights to substitute parts or models of equal quality or value.

8) THIS LIMITED WARRANTY IS THE SOLE REMEDY FOR PRODUCT DEFECT AND NO OTHER EXPRESS OR IMPLIED WARRANTY IS PROVIDED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. WE SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM ANY PRODUCT DEFECT.

WARRANTY CLASSIFICATION

PERIOD OF WARRANTY	PARTS	CLASSIFICATION
5 Year	Body Fame	Backrest Frame, Armrest Frame and Other Body Frames
3 Year	Mechanism, Cylinder, Form, Casters	Malfunction in Adjusting Height & Width, Swiveling and Locking
3 Year	Flexible Rubber Connector, Seat Pan Materials (Mesh, Fabric and Leather)	Damages and Discoloration of Materials